



FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.
I-2-0453.1USSERIAL NO.
10/729,332APPLICANT
Kwak et al.FILING DATE
December 5, 2003GROUP
2618

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,542,514	09/1985	Watanabe			
		5,214,687	05/1993	Kaensaekoski et al.			
		5,440,582	08/1995	Birchler et al.			
		5,809,059	09/1998	Souissi et al.			
		5,909,465	06/1999	Bottomley et al.			
		5,963,583	10/1999	Davidovici et al.			
		6,028,894	02/2000	Oishi et al.			
		6,034,952	03/2000	Dohi et al.			
		6,108,374	08/2000	Balachandran et al.			
		6,118,806	09/2000	Niida et al.			
		6,154,450	11/2000	Wallentin et al.			
		6,201,954	03/2001	Soliman			
		6,229,848	05/2001	Tanaka			
		6,298,242	10/2001	Schiff			
		6,426,971	07/2002	Wu et al.			
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		6,456,652	09/2002	Kim et al.			
		6,456,964	09/2002	Kim et al.			
		6,535,733	03/2003	Matusevich et al.			
		6,563,460	05/2003	Stilp et al.			
		6,587,696	07/2003	Ma et al.			
		6,600,933	07/2003	Hiramatsu et al.			
		6,654,613	11/2003	Maeng et al.			
		6,675,012	01/2004	Gray			
		6,690,944	02/2004	Lee et al.			

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	APPLICANT Kwak et al.	
	FILING DATE December 5, 2003	GROUP 2618

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,754,506	06/2004	Chang et al.			
		6,810,273	10/2004	Mattila et al.			
		6,826,140	11/2004	Brommer et al.			
		6,847,809	01/2005	Gurelli et al.			
		6,850,736	02/2005	McCune, Jr.			
		6,871,066	03/2005	Khullar et al.			
		6,987,738	01/2006	Subramanian et al.			
		7,012,978	03/2006	Talwar			
		7,039,412	05/2006	Sandhu et al.			
		2002/0018453	02/2002	Yu et al.			
		2002/0060995	05/2002	Cervello et al.			
		2002/0102944	08/2002	Haim			
		2002/0136287	09/2002	Heath et al.			
		2002/0151290	10/2002	Chen			
		2002/0174242	11/2002	Hindie et al.			
		2002/0183028	12/2002	Takahashi et al.			
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		2003/0022645	01/2003	Runzo			
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		2004/0203403	10/2004	Cutcher et al.			
		2005/0143117	06/2005	Jalloul et al.			

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	APPLICANT Kwak et al.	
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		2005/0152480	07/2005	Chang et al.			
		2005/0169301	08/2005	Jain et al.			
		2005/0069026	03/2005	Vepsalainen et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	*	2271610	03/2006	RU ¹				
	*	2005130981	05/2006	RU ²				
	*	20020109590	06/2005	RU ³				
		03021845	02/2003	WO				
		04100468	11/2004	WO				

OTHER DOCUMENTS

EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
		"Information Technology-Telecommunications and Information Exchange Between Systems – Local and Metropolitan Area Networks – Specific Requirements – Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications." ANSI/IEEE Std 802.11, 1999 Edition (Reaffirmed 12 June 2003).
		"Draft Supplement to Standard for Telecommunications and Information Exchange Between Systems – LAN/MAN Specific Requirements- Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Specification for Radio Resource Measurement." IEEE Std 802.11k/D0, November 2002.
		"Draft Supplement to Standard for Telecommunications and Information Exchange Between Systems – LAN/MAN Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Specification for Radio Resource Measurement." IEEE Std 802.11k/D0.1, March 2003.
		"Draft Supplement to Standard for Telecommunications and Information Exchange Between Systems – LAN/MAN Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Specification for Radio Resource Measurement." IEEE Std 802.11k/D0.2, May 2003.

1 Corresponds to US 7,298,802

2 Corresponds to WO 04/080106

3 Corresponds to WO 01/20789

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	"Draft Supplement to Standard for Telecommunications and Information Exchange Between Systems – LAN/MAN Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Specification for Radio Resource Measurement." IEEE Std 802.11k/D0.3, July 2003.
	"Draft Supplement to Standard for Telecommunications and Information Exchange Between Systems – LAN/MAN Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Specification for Radio Resource Measurement." IEEE Std 802.11k/D0.4, July 2003.
	"Draft Supplement to Standard for Telecommunications and Information Exchange Between Systems– LAN/MAN Specific Requirements- Part 1: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Specification for Radio Resource Measurement." IEEE Std 802.11k/D0.9, November 2003.
	"Draft Supplement to Standard for Telecommunications and Information Exchange Between Systems – LAN/MAN Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Specification for Radio Resource Measurement." IEEE Std 802.11k/D0.10, November 2003.
	"Draft – Recommended Practice for Multi-Vendor Access Point Interoperability Via An Inter-Access Point Protocol Across Distribution Systems Supporting IEEE 802.11 Operation." IEEE Std 802.11f/D3.1, April 2002.
	Paine, Richard H. et al. "Unapproved Draft – IEEE 802.11 Radio Resource Measurement Issues – IEEE 802.11-02/508r10." October 19, 2002.
	Paine, Richard H. "Unapproved Draft – IEEE 802.11 Radio Resource Measurement Issues – IEEE 802.11-03/134r0." January 16, 2003.
	Moreton, Mike. "Comment Resolution Motions – IEEE 802.11-03/169r1." IEEE Std. 802-11 Submission. March 2003.
	Lampe, Mattias et al. "PER-Prediction for Link Adaptation in OFDM Systems." Technical University of Hamburg-Harburg, 10 September 2002.

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